



BIOSCIENCES INDUSTRY

MISSOURI TARGET INDUSTRY

FEBRUARY 2022

QUICK STATS BIOSCIENCES STATEWIDE

2020 Average Annual Wage

\$71,979

9.3% increase from 2015-2020

2020 Employment Statewide

44,896

8.3% increase from 2015-2020

Net Employment Change

2015-2020

3,438

2020 Number of Establishments

2,787

Employment Change

2015-2020

Veterinary Services

1,211

Animal Food Mfg.

686

Pesticide, Fertilizer, and Other
Agricultural Chemical Mfg.

499

R&D in Physical,
Engineering & Life Sciences

447

Grain and Oilseed Milling

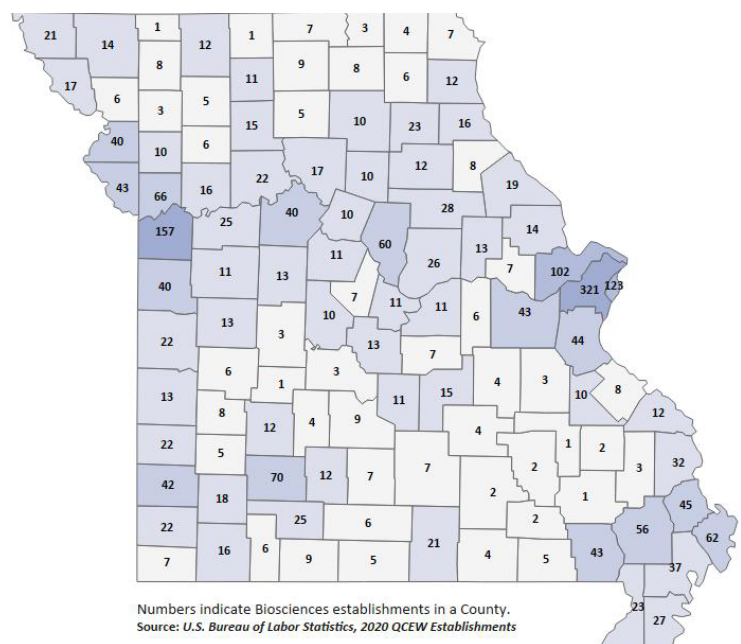
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The Biosciences Industry includes production, services, and research and development sectors. Biosciences represents 1.97 percent of total private sector employment, employing 44,896 workers across 2,787 establishments.

Location quotient (LQ) compares the regional share of an industry to the national share. LQs that are higher than the national average of 1.0 indicate a higher employment concentration within a region. Missouri has higher employment concentrations in *Animal Food Manufacturing* with a LQ of 4.06, *Hog and Pig Farming* with a LQ of 3.30, *Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing* with a LQ of 3.05, *Oilseed and Grain Farming* with a LQ of 2.38, and *Grain and Oilseed Milling* with a LQ of 2.10.

Employment grew an average 1.6 percent per year from 2015 to 2020 adding a total 3,438 jobs. The industries with the greatest employment growth include *Veterinary Services*; *Animal Food Manufacturing*; *Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing*; *Research and Development in Physical, Engineering, and Life Sciences*; and *Grain and Oilseed Milling*.

MISSOURI CONCENTRATION OF BIOSCIENCES ESTABLISHMENTS



BIOSCIENCES TARGET INDUSTRY GROUP

NAICS	Biosciences and Support Industries	2020 Establishments	2020 Employment	2020 Average Annual Wage	2020 Employment LQ	2015-2020 Change in Employment
All	All Industry, Private	207,760	2,274,758	\$54,801	1.00	-25,885
	All BioSciences	2,787	44,896	\$71,979	1.04	3,438
1111	Oilseed and Grain Farming	611	2,526	\$41,516	2.38	82
1122	Hog and Pig Farming	90	1,962	\$42,668	3.30	23
1152	Support Activities for Animal Production	100	636	\$32,951	1.08	23
3111	Animal Food Manufacturing	95	5,054	\$98,757	4.06	686
3112	Grain and Oilseed Milling	33	2,508	\$59,265	2.10	277
3251	Basic Chemical Manufacturing	63	3,258	\$70,689	1.14	-28
3253	Pesticide, Fertilizer, & Other Ag. Chem. Mfg.	52	2,158	\$83,725	3.05	499
3254	Pharmaceutical and Medicine Mfg.	100	5,434	\$91,356	0.90	232
3391	Medical Equipment and Supplies Mfg.	197	3,657	\$55,820	0.61	188
4245	Farm Product Raw Material Merchant Whole	191	2,124	\$45,370	1.63	-202
54171	R&D in Physical, Engineering, & Life Science	552	7,803	\$110,896	0.58	447
54194	Veterinary Services	703	7,776	\$38,726	0.99	1,211

Source: U.S. Bureau of Labor Statistics, Quarterly Census of Employment and Wages, 2020 Annual Data

The average annual private wage in Biosciences was \$71,979 in 2020. This was \$17,178 more than the state's average annual private sector wage of \$54,801. The highest average annual wages within this industry were in *Research and Development in the Physical, Engineering, and Life Sciences; Animal Food Manufacturing; Pharmaceutical and Medicine Manufacturing; Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing; and Basic Chemical Manufacturing.*

Ten Biosciences industries had net employment gains. *Veterinary Services* had the largest gain from 2015 to 2020, adding 1,211 jobs. *Animal Food Manufacturing* added 686 jobs and *Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing* added 499 jobs. Two Biosciences industries posted a net decline in employment. The largest employment decline, between 2015 and 2020, was in *Farm Product Raw Material Merchant Wholesalers*, which declined by 202 jobs.

NOTES:
Target Industries are defined by North American Industry Classification System (NAICS) codes relevant to the target industry cluster. Industry clusters are not mutually exclusive and may include similar industry codes.

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